

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Santosh Misra and William W. Kay

Art Unit: Not Yet Assigned

Application No. _____

Filed: Herewith

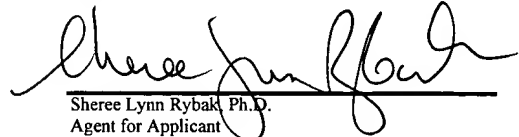
For: TRANSGENIC PLANTS THAT ARE RESISTANT
TO A BROAD SPECTRUM OF PATHOGENS

Examiner: Not Yet Assigned

Date: September 17, 2001

CERTIFICATE OF MAILING

I hereby certify that this paper and the documents referred to as being attached or enclosed herewith are being deposited with the United States Postal Service on September 17, 2001 as Express Mail No. EL754021665US in an envelope addressed to: BOX PCT, COMMISSIONER FOR PATENTS, WASHINGTON, D.C. 20231.


Sheree Lynn Rybak, Ph.D.
Agent for Applicant

COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

PRELIMINARY AMENDMENT

Please amend the Specification as follows:

On page 6, please replace the first paragraph under "Brief Description of the Figures" with the following:

--**Figure 1** is a graph that shows the results from assays that tested the resistance of transgenic potato tubers to soft rot. Discs prepared from tubers of *Desiree* control and transgenic plants expressing Demaseptin B (sample Nos. D1, D2, D6, D10) or Temporin A (sample Nos. T1, T2, T3) were infected with *E. carotovora* (black boxes) or left uninfected (white boxes). After 6 days at room temperature, rotted tissue was gently removed from the discs and the sensitivity/resistance to *E. carotovora* was expressed as the loss of weight of tuber tissue.--

In the claims:

Please add the following claims:

14. (New) The method of claim 13, wherein the cationic peptide is selected from the group consisting of the dermaseptins set forth in SEQ ID NOS: 3-14.
15. (New) The method of claim 13, wherein the cationic peptide is selected from the group consisting of the temporins set forth in SEQ ID NOS: 17-26.